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Attorney's Docket No. 06935.105001

APR 12 2004 STRAPENMENT

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: Multi-Beam Satellite Communications System, the specification of which was filed with the U.S. Patent and Trademark Office on May 23, 2000 and assigned U.S. Serial No. 09/576,475.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

		which priority is claimed:		riority Clai	med Under 35 USC	8119 (a)-(d)
Application No.	Country	Filing Date	_	es_		_
listed below:		tle 35, United States Code				
60/156,170 (Application No	Septem	ber 27, 1999 (Filing Date)	(Applicati	on No.)	(Filing	Date)
I hereby claim the binsofar as the subjeapplication in the π	penefit under Tit ct matter disclos nanner provided	le 35, United States Code, sed and claimed in the pre by the first paragraph of a defined in Title 37, Cocapplication and the national	§120 of any Usent application of Enderal	Inited State on is not dis d States Co	es application(s) liste sclosed in the prior lode §112, I acknowle s &1 56 which beca	d below and, United States edge the duty me available
Application Se		Filing Date			pending, abandoned	
POWER OF ATTO the Patent and Tra Sullivan-36,942; H Paris-47,226; A. S.	DRNEY: The fo	llowing are hereby appoint connected therewith: She is-38,913; Steven P. Wigr,836; William O. Isaacs Il	ted to prosecuterry M. Know	te this appli les-33,052; Charles F	ication and transact a ; W. Scott Petty-35, Peeler-45 004: Josep	all business in 645; Clark G h M. Bennett
48,394. Send corresponden	191 P	& Spalding, Customer No eachtree Street, N.E., 45 th a, Georgia 30303	o. 20786 Floor	Direct tele	ephone calls at (404) W. Scott Petty, E	
Full name of sole		or: Thomas E. Sharon		Citiz	enship: USA	
Inventor's signat	ure 5./	Slum		Date	1/15/02	
		ess: 305 Briton Park Co	ourt, Duluth,	Georgia 3	30097	
L					Page 1	of 7

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DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 06935.105001

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Application No. Country Filing Date I hereby claim the benefit under Title 35, United States Code, listed below: 60/156,170		
listed below: 60/156,170 September 27, 1999 (Application No.) (Filing Date) The desire the herefit under Title 35. United States Code		
The state of the states Code	(Application No.) (Filing Date)	
I hereby claim the benefit under Title 35, United States Code,	• • •	
insofar as the subject matter disclosed and claimed in the presapplication in the manner provided by the first paragraph of T to disclose material information as defined in Title 37, Code between the filing date of the prior application and the national	itle 35, United States Code 9112, 1 acknowledge to e of Federal Regulations. 81.56 which became av	he duty vailable
Application Serial No. Filing Date	Status: patented, pending, abandoned	
willful false statements and the like so made are punishable Title 18 of the United States Code, and that such willful false sany patents issuing thereon. POWER OF ATTORNEY: The following are hereby appointed the Patent and Trademark Office connected therewith: Sheri	ed to prosecute this application and transact all bus	siness in Clark G.
Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigm Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II- 48,394.	iore-40 447: Charles E. Peeler-45.004: Joseph M. I	senneπ-
Send correspondence to: King & Spalding, Customer No.	20786 Direct telephone calls at (404) 572-4	600
191 Peachtree Street, N.E., 45th F Atlanta, Georgia 30303	W. Scott Petty, Esq.	
Full name of sole or second inventor: Thomas S. Taylo	r Citizenship: USA	
Inventor's signature	Date:	
Residence and Post/Office Address: 345 Glen Lake Dri		

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Application No.	Country	Filing Date	<u>P</u>	riority Clain	ned Under 35 USC §119 (a)-(d)
Apprication			<u> </u>	'es	No
I hereby claim the blisted below:	penefit under Tit	le 35, United States Cod	e, § 119(e) of a	any United S	States provisional application(s)
60/156,170 (Application No	•	ber 27, 1999 Filing Date)	(Applicati		(Filing Date)
insofar as the subject application in the m	ct matter disclos nanner provided	ed and claimed in the probable the first paragraph of defined in Title 37. Co.	Title 35, United	d States Cod Regulations.	application(s) listed below and, closed in the prior United States e §112, I acknowledge the duty §1.56 which became available g date of this application:
Application Ser	rial No.	Filing Date	Status:	patented, pe	ending, abandoned
willful false statem Title 18 of the Unit any patents issuing POWER OF ATTO the Patent and Tra Sullivan-36,942; H Paris-47,226; A. Sh	ents and the liked States Code, a thereon. ORNEY: The foldemark Office columns I Hawking the columns I Hawking	e so made are punishable and that such willful false lowing are hereby appoin connected therewith: Sh	e by fine or ime statements manned to prosecuterry M. Know more-40.447; (y jeopardize e this applic les-33,052; Charles E. Pe	e made with the knowledge that or both, under Section 1001 of the validity of the application or ation and transact all business in W. Scott Petty-35,645; Clark G. eeler-45,004; Joseph M. Bennett-P-48,308; Robert T. Neufeld-P-
48,394. Send corresponden	ce to: King 6	& Spalding, Customer Neachtree Street, N.E., 45 th	o. 20786 Floor	Direct telep	hone calls at (404) 572-4600
	Atlant	a, Georgia 30303			W. Scott Petty, Esq.
Full name of sole	or third invent	or: William R. Hafner	r 	Citize	nship: USA
Inventor's signatu	ure	2/		Date:	11/14/01
Residence and Po	st Office Addr	ess: 10875 Spotted Po	ony Trail, Alpl	haretta, Geo	orgia 30022
					Page 3 of 7

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DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 06935.105001

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

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Yes No No No No No No No No	Application No.	Country	Filing Date	Priority Claime	ed Under 35 USC §119 (a)-(d)
September 27, 1999				Yes	No
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below at insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United State application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the do disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filling date of the prior application and the national or PCT international filling date of this application: Application Serial No. Filing Date Status: patented, pending, abandoned I further declare that all statements made herein of my own knowledge are true and that all statements made information and belief are believed to be true; and further that these statements were made with the knowledge willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application any patents issuing thereon. POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all busines the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Clark Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Joseph M. Benn Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld 48,394. Send correspondence to: King & Spalding, Customer No. 20786 191 Peachtree Street, N.E., 45th Floor Atlanta, Georgia 30303 W. Scott Petty, Esq. Full name of sole or fourth inventor: Steven H. Rigg Citizenship: USA Inventor's signature Date: Date: Date:	I hereby claim the listed below:	benefit under Tit	le 35, United States Code,	§ 119(e) of any United St	ates provisional application(s)
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Send correspondence to: King & Spalding, Customer No. 20786 191 Peachtree Street, N.E., 45th Floor Atlanta, Georgia 30303 Full name of sole or fourth inventor: Steven H. Rigg Citizenship: USA Date:	Title 18 of the Unit any patents issuing POWER OF ATTO the Patent and Tra Sullivan-36,942; H Paris-47,226; A. Sh	ed States Code, a thereon. ORNEY: The foldemark Office of olmes J. Hawkin	and that such willful false standard that such willful false standard false stand	atements may jeopardize to prosecute this applicate y M. Knowles-33,052; Ware-40.447; Charles E. Pee	tion and transact all business it. Scott Petty-35,645; Clark Celer-45,004; Joseph M. Bennet
Full name of sole or fourth inventor: Steven H. Rigg Citizenship: USA Inventor's signature Date:	Send corresponden	· 191 Pe	achtree Street, N.E., 45th Flo		
Inventor's signature Date:	Full name of sole		·	Citizens	
Residence and Post Office Address: 4968 Bridgeport Way, Norcross, Georgia 30092	Inventor's signatu	ire N Pin	7	Date:	11/6/01
[Nesidence and 1 ost Office 1144143. 1700 Dilagoport 1143, 110101000, Coo.B. 5002	Residence and Po	st Office Addr	s: 4968 Bridgeport Wa	y, Norcross, Georgia 3	0092



Attorney's Docket No. 06935.105001

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Application No.	Country	Filing Date	Priority Cla	imed Under 35 USC §119 (a)-(d)
		·	Yes	No
listed below:				States provisional application(s)
60/156,170	Septem	ber 27, 1999 (Filing Date)		
(Application No	<u> </u>	(Filing Date)	(Application No.)	(Filing Date)
insofar as the subject application in the material	ct matter disclos nanner provided Linformation as	ed and claimed in the present by the first paragraph of Title	t application is not di e 35, United States Co of Federal Regulation	es application(s) listed below and, sclosed in the prior United States ode §112, I acknowledge the duty s, §1.56 which became available ing date of this application:
Application Ser	rial No.	Filing Date	Status: patented,	pending, abandoned
any patents issuing POWER OF ATTO the Patent and Tra Sullivan-36 942: H	thereon. RNEY: The foldemark Office of the olders of the	lowing are hereby appointed connected therewith: Sherry is-38.913: Steven P. Wigmor	to prosecute this appli M. Knowles-33,052 e-40,447; Charles E.	ze the validity of the application or ication and transact all business in W. Scott Petty-35,645; Clark G. Peeler-45,004; Joseph M. Bennettig-P-48,308; Robert T. Neufeld-P-
Send correspondence	ce to: King	& Spalding, Customer No. 20	1786 Direct tele	ephone calls at (404) 572-4600
Send correspondent	191 Pe	eachtree Street, N.E., 45th Floor	or Birect tele	•
	Atlant	a, Georgia 30303		W. Scott Petty, Esq.
Full name of sole	or fifth invent	or: James M. Howell	Citiz	enship: USA
Inventor's signatu	m, Hou	ee	Date	:: 4/8/0/
Residence and Po	st Office Addr	ess: 545 Fairways Drive,	Woodstock, Georgi	a 30189
L				Page 5 of 7



Attorney's Docket No. 06935.105001

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ii No	Country	Filing Date	Priority C	laimed Under 35	USC §119 (a)-(d)
Application No.	Country	<u></u>	Yes	No	
hereby claim the bisted below:	penefit under Ti	tle 35, United States Code	e, § 119(e) of any Unite	ed States provisi	onal application(s)
60/156,170 (Application No		nber 27, 1999 (Filing Date)	(Application No.)		Filing Date)
insofar as the subje	ct maπer discio nanner provided	tle 35, United States Code, sed and claimed in the preby the first paragraph of s defined in Title 37, Codapplication and the national	Title 35, United States	Code §112, I acl	knowledge the duty
Application Se		Filing Date	Status: patented	i, pending, aban	doned
POWER OF ATTO the Patent and Tra Sullivan-36,942; H Paris-47,226; A. S.	thereon. ORNEY: The foldemark Office	and that such willful false allowing are hereby appoint connected therewith: Sh. ns-38,913; Steven P. Wig 8,836; William O. Isaacs I	ted to prosecute this ap	plication and tra	nsact all business in tty-35,645; Clark G.
48,394. Send corresponder	191 F	& Spalding, Customer N. Peachtree Street, N.E., 45th ta, Georgia 30303		elephone calls at W. Scott F	et (404) 572-4600 Petty, Esq.
Full name of sole		ntor: Thomas W. Glynn	n Cit	izenship: USA	
Inventor's signat	ure	h W. A.	D		4,2001
Posidence and P	ost Office Add	ress: 300 First Street, A	Annapolis, Maryland	21401	·
Residence and 1			1/	F	Page 6 of 7

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Application No.	Country	Filing Date	<u>Priori</u>	Priority Claimed Under 35 USC §119 (a)-(d)			
			Yes_		No		
listed below:		tle 35, United States Code,				plication(s)	
60/156,170 (Application No.)	Septem	nber 27, 1999 (Filing Date)	(Application N	(o.)	(Filing I	Date)	
insofar as the subject application in the ma	matter disclose inner provided	le 35, United States Code, § sed and claimed in the prese by the first paragraph of Ti defined in Title 37, Code application and the national	tle 35, United Sta	tes Code §	112, I acknowled	lge the duty	
Application Seri	al No.	Filing Date	Status: pate	nted, pend	ing, abandoned		
any patents issuing the	nereon. NEY: The fol	and that such willful false st	to prosecute this	s applicatio	on and transact all	pplication or	
a 111 AC 040. IIa	lmes J. Hawkin ine Nichols-43,	connected therewith: Sherr is-38,913; Steven P. Wigmo 836; William O. Isaacs II-4	y M. Knowles-3 ore-40,447; Charl 4,165; Josephine	es E. Peele Young-P-	48,308; Robert T	M. Bennett- Neufeld-P-	
Sullivan-36,942; Hol Paris-47,226; A. Sha	lmes J. Hawkin ine Nichols-43, e to: King 6	connected therewith: Sherr	y M. Knowles-3 bre-40,447; Charl 4,165; Josephine 20786 Dire	es E. Peele Young-P- ct telephor	T=4.3.UU4: JOSENN	M. Bennett- Neufeld-P- 72-4600	
Sullivan-36,942; Hol Paris-47,226; A. Sha 48,394. Send correspondence	imes J. Hawkin ine Nichols-43, e to: King 6 191 Pe Atlant	sonnected therewith: Sherr is-38,913; Steven P. Wigmo ,836; William O. Isaacs II-4 & Spalding, Customer No. 2 eachtree Street, N.E., 45 th Fl	y M. Knowles-3 ore-40,447; Charl 4,165; Josephine 20786 Dire	es E. Peele Young-P- ct telephor	48,308; Robert T ne calls at (404) 5	M. Bennett- Neufeld-P- 72-4600	
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Sullivan-36,942; Hol Paris-47,226; A. Sha 48,394. Send correspondence Full name of sole of Inventor's signatur	to: King a 191 Pe Atlant	& Spalding, Customer No. 2 eachtree Street, N.E., 45th Fla, Georgia 30303 entor: Dennis L. Kershn	y M. Knowles-3 ore-40,447; Charl 4,165; Josephine 20786 Dire oor	os,052; w. es E. Peele Young-P-ct telephor Citizensh Date:	48,308; Robert T ne calls at (404) 5 V. Scott Petty, Esc ip: USA	M. Bennett- Neufeld-P- 72-4600	